⚠ **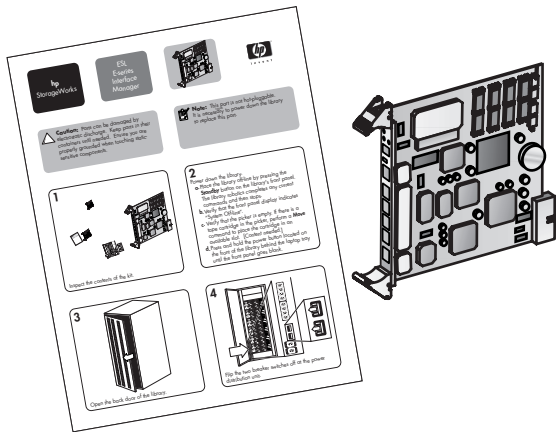Caution:** Parts can be damaged by electrostatic discharge. Keep parts in their containers until needed. Ensure you are properly grounded when touching static-sensitive components.

📝 **Note:** This part is not hot-pluggable. It is necessary to power down the library to replace this part.

1



Inspect the contents of the kit.

2

Power off the library.

a. Use your backup software to empty the picker or to verify that the picker is empty.

b. Place the library off-line by pressing the **Standby** button on the library's front panel.

c. Verify that the front panel display indicates "System Off-line".

d. Press and hold the **power** button, located on the front of the library behind the laptop tray, until the front panel goes blank.

3
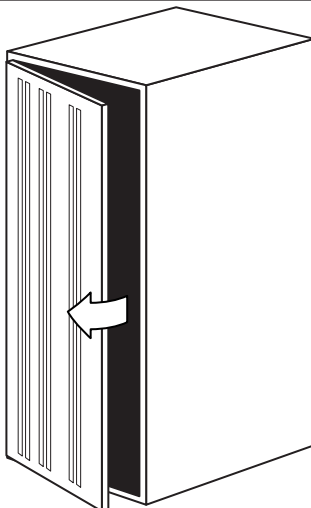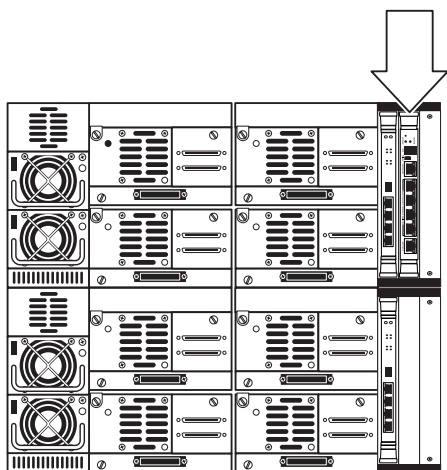

Open the back door of the library.

4
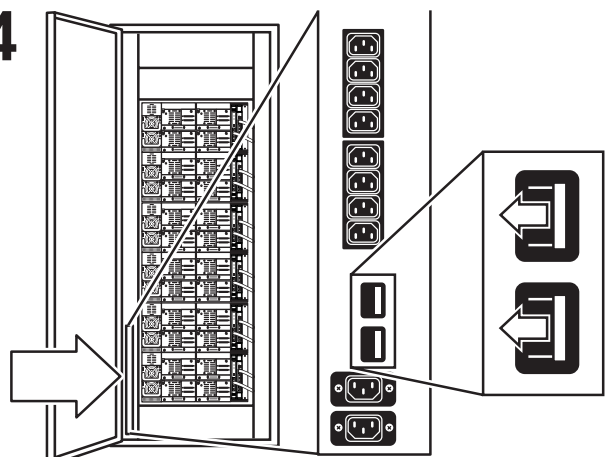
Flip the two breaker switches off (to the left) at the power distribution unit.
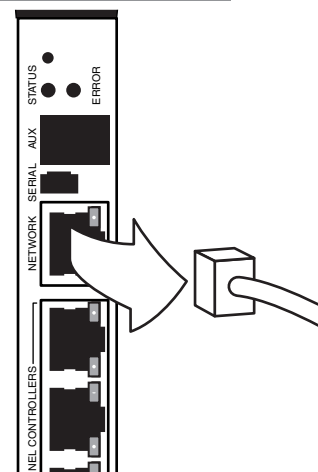
5

Identify the interface manager. It is located in the top cluster, to the immediate right of the cluster controller.
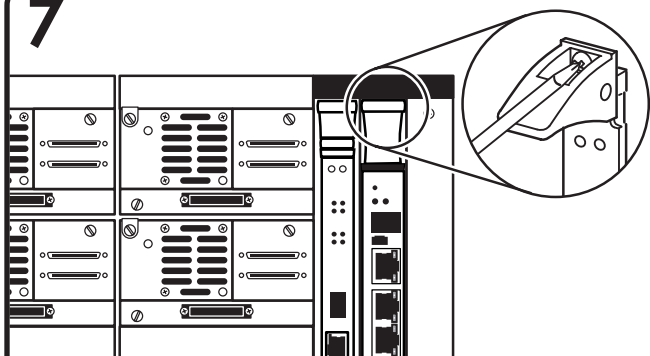
6

Remove all cables connected to the interface manager, after noting where they are connected.

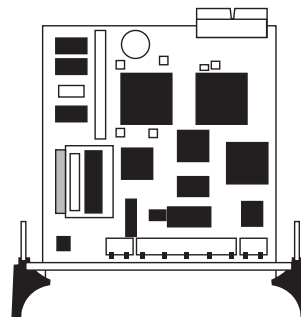STATUS ERROR AUX SERIAL NETWORK NEL CONTROLLERS

7

Use a #2 Phillips screwdriver to loosen the captive screws in the black ejector handles at both ends of the interface manager. Push the ejector handles toward the outside, then pull on them to remove the controller.
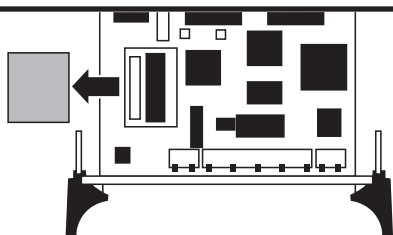
8

Memory Module Relocation

Relocate the memory module.
a. Position the existing interface manager card battery-side up to access the memory module.

9

b. Grasp the edges of the memory module and slide it out of the flash memory slot. If needed, push a pen into the corner notches of the flash memory slot to unseat the memory module.
c. Remove the replacement interface manager card from its protective sleeve and place it on your work surface. (This card should also face battery-side up.)

10
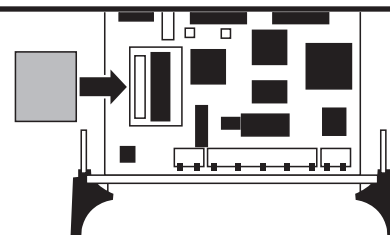
d. With the connector going in first, align the sides of the memory module with the flash memory slot on the replacement interface manager card. Gently slide the memory module into the slot until it is securely seated.
e. If the memory module does not slide in easily, the module is upside down. Pull the module back out, flip it over, and reinsert it into the slot.
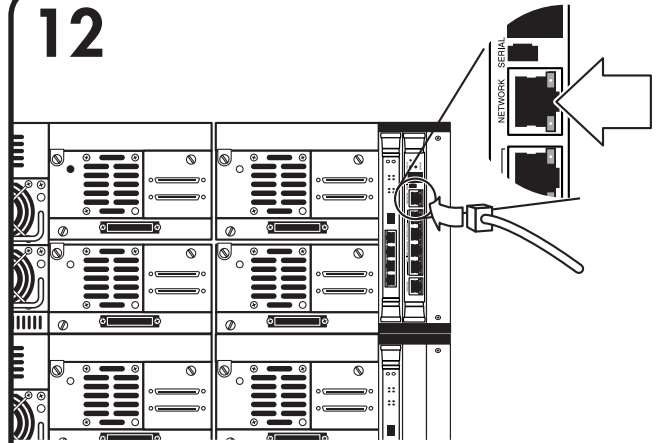
11   Replacement

Align the replacement interface manager with the guides in the library cluster controller bay and slide the interface manager into the library. Tighten the captive screws.
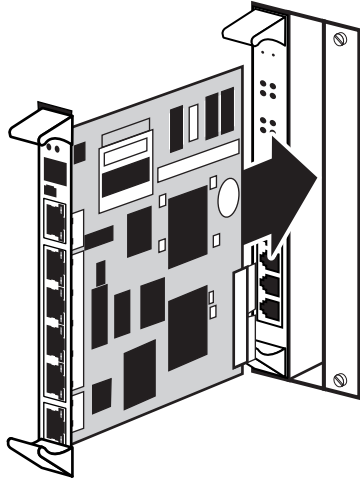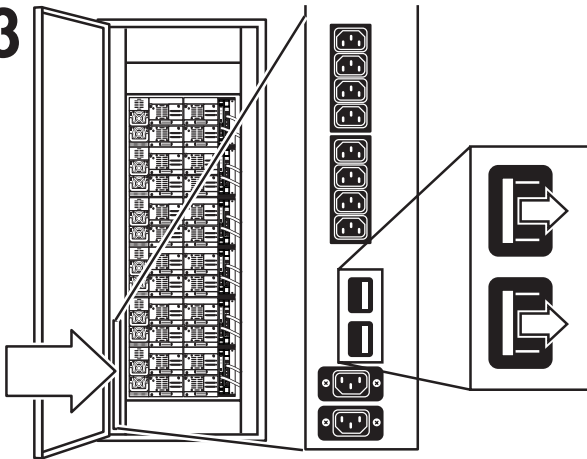
12

Reconnect the cables to the interface controller exactly as they were connected to the original board.

13

Flip the two breaker switches on at the power distribution unit.

## 14

Power on the library.
- a. Verify that power cables are firmly in place.
- b. Press the power button located behind the laptop tray.
- c. After several seconds, verify that the current state of the library appears in the System State display on the front panel ("System On-line" or "System Off-line").

   Note: To change the state, press the **Standby** button on the front panel. This toggles the library between on-line and off-line states.

15
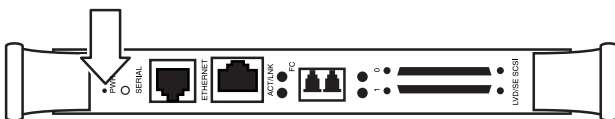
Verify that the status LEDs indicate a normal state.

Note: Because all of the configuration settings of the interface manager are stored in the memory module that you replaced in steps 8 through 10, your replacement interface manager card retains the configuration of the original card. To verify or change these settings, refer to the *HP StorageWorks Interface Manager and Command View ESL User Guide*.

16
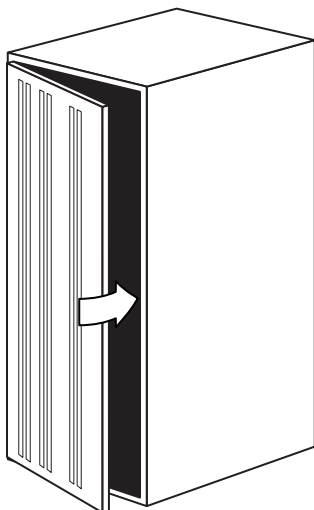
Close the back door of the library.

Getting help

- HP product information:
  http://www.hp.com/products/tapestorage

- HP technical support and phone numbers:
  http://www.hp.com/support

- HP StorageWorks Library and Tape Tools
  (L&TT) diagnostic software:
  http://www.hp.com/support/tapetools

- Interface Manager and HP StorageWorks
  Command View ESL:
  http://www.hp.com/support/cvesl

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